

FINAL MINUTES
Waste-to-Energy Facility Monitoring Group
MEETING

Wednesday, February 11th, 2015
Covanta Alexandria/Arlington Waste-to-Energy Facility – Eisenhower Avenue
8:30 a.m. – 11:00 a.m.

The Facility Monitoring Group, staff, and HDR representatives present included Yon Lambert, Mark Schwartz, Erik Grabowsky, Barbara Wiley, Alaeedin Mohamed, Shani Kruljac, Alton Weaver, Kyle Perrin and Susan Raila, with Don Castro joining via phone. Mark Harlacker, Rich Serio, R.J. Brooks and Bryan Donnelly attended the meeting from Covanta.

I. Comments on Agenda

There were no comments on the agenda.

II. Approval of Final Minutes from the November 12th, 2014 Facility Monitoring Group Meeting (see attached).

Schwartz made a motion to approve the minutes; Grabowsky seconded the motion, and the minutes were approved unanimously.

III. Requisitions for Payment

The requisitions for payment that were submitted for approval totaled \$15,748.06. The invoices were for HDR Engineering, Inc. for the period November 2, 2014 to January 24, 2015 in the amount of \$14,898.06, and the annual membership dues for the Energy Recovery Council, in the amount of \$850.00. Schwartz made a motion to approve payment, and Grabowsky seconded. The invoices were approved unanimously.

IV. HDR - Operations and Facility Status

Discussion of Quarterly Report and Facility Performance to Date

Castro first discussed the performance curves, noting that the amount of ash produced showed good operation of the plant. However, the steam production rate graph indicated a

possible deterioration in boiler performance, which he would like to keep an eye on. The graph showing 12-month calculated steam production shows that they are bumping up against the calculated steam production limit. The gross turbine generation conversion rate has risen slightly, and that is another item that he would like to keep an eye on. Similarly, on the gross conversion rate table, the rate has been trending downward in the past few months, which could indicate possible boiler or turbine generator issues. The ferrous recovery graphics showed very good performance of the ferrous system.

Perrin then discussed his inspection of the prior day, referring back to the Audit Report Deficiencies table which is part of the Quarterly Report. He noted that items for the spider cracking at the scale entry area and the pothole at the truck entry have been taken care of since his last inspection. The turbine generator enclosure roof leakage issue was also addressed. The damaged tipping floor wall panels were repaired, and the missing glass windowpanes in the tipping floor enclosure were also replaced. Other items on the list from Table 1 will remain as open items. He then noted a few new deficiencies, specifically, the stairs are starting to deteriorate, lock-out tags are missing the inspection tags, and the rebar is exposed on the parapet wall of the pit. The internal siding over the pit is deteriorating.

It was also noted that Boiler No. 3 came back on-line from a recent outage, and the annual stack testing is scheduled for early March.

V. Covanta Items

A. Further Discussion on Steaming Rate

Lambert asked if Covanta had developed anything on how they would like to approach the steaming rate issue, since it has been frequently noted that they keep bumping up to the steaming rate limit. Serio indicated that they are still working on the best way of resolving this.

B. Disposal of Ebola-Related Waste

Brooks reiterated that they do not want to accept any of this material at their facility. This issue will be taken off of the agenda for future meetings.

C. Supplemental Waste

The type of Supplemental Waste has remained fairly stable, consisting primarily of textiles, pharmaceuticals, confidential documents and APHIS waste, and the amount of this waste has been increasing. Covanta believes that they may be able to take up to 1,000 tons/month of

this material.

Grabowsky mentioned the existing site condition issue in Arlington, which requires any new development to take their waste to the facility. Alexandria has a similar site condition provision. Grabowsky asked Covanta to quantify this amount of waste.

D. Gray Water Reuse – update

Harlacker indicated that he had reached out to Karen Pallansch of AlexRenew, and they should have a better handle on what the costs will be in a couple of months. Covanta plans to get back to AlexRenew in mid- to late-March.

VI. Old Business

A. City update on Eisenhower West Planning Process

Lambert noted that he had met with Covanta in the prior week, and discussed the air quality issues related to the on-going planning process, in terms of how tall any high-rises could be developed to, from an air quality perspective, given the proximity to the facility. This is an on-going discussion. .

VII. New Business

A. Legislative Issues

There were no legislative issues to report.

B. Public Initiatives

Covanta provided a list of public outreach since the last meeting, which included the following:

- November 3 – provided a tour to a graduate student enrolled in a masters program at Johns Hopkins University.
- November 18 – provided a tour to two people from the American Council on Renewable Energy (ACORE).
- November 20 – provided a tour to approximately 25 middle school students from St. Anthony's.
- November 24 – provided a tour to three local Covanta shareholders.
- December 4 – provided a tour to two representatives from the Bureau of Engraving and Printing and a DC Police Officer.
- December 10 – attended the Local Emergency Planning Committee meeting which was held at Alexandria City Fire Station #202.
- December 11 – provided a tour to 11 people from the National Intelligence University who were interested in energy from waste.

- December 12 – provided a tour to 9 representatives from Johns Hopkins University.

Harlackner then indicated that Covanta will support Alexandria's Earth Day event, by setting up a table and providing sponsorship. They will provide an update to Lambert. He also mentioned that they provided a \$25K contribution to the Alexandria Seaport Foundation, which provides support to at-risk youths and young adults, teaching them how to build boats, and gaining various STEM skills. Serio also mentioned that Covanta is trying to broaden their community involvement.

Serio also will provide an updated version of the orange "call sheet" that should be used for reporting various types of incidents at the facility.

On a motion by Grabowsky, seconded by Lambert, the meeting adjourned at 10:02 a.m.

The next Facility Monitoring Group Meeting is scheduled for Wednesday, May 13th, 2015 at the Covanta Facility.